

The following Reports for 1913 were ordered to be printed:

REPORT OF THE RECORDING SECRETARY.

The past year of the Academy has been tranquil and prosperous. While nothing of unusual interest has transpired, the results of routine work, in the increase of the Museum and Library and the issue of the publications, are matters of congratulation. The difficulty of securing desirable attendance at the meetings, noticed in my last report, continues, the committee appointed to look after the interests involved having been active only during the latter part of the year. Better results may be secured for the coming sessions.

Ten meetings were addressed by F. D. Weidman, Edw. H. Thompson, John M. Macfarlane, Philip P. Calvert, H. Newell Wardle, William E. Hughes, Henry Skinner, T. Chalkley Palmer, Charles S. Boyer, Hugo Bilgram, and W. H. van Sickle.

Forty-four papers have been presented for publication as follows:

Henry W. Fowler, 7; Joseph C. Thompson, 4; A. P. Brown and H. A. Pilsbry, 2; Amos P. Brown, 2; James A. G. Rehn, 2; J. A. G. Rehn and Morgan Hebard, 2; Nathan Banks, 2; Morgan Hebard, 1; Will F. Thompson, 1; R. A. Speath, 1; Francis W. Pennell, 1; T. D. A. Cockerell, 1; E. G. Vanatta, 1; S. Stillman Berry, 1; Frederick D. Weidman, 1; Edgar T. Wherry, 1; Witmer Stone, 1; Clarence B. Moore, 1; Dr. A. Hrdlicka, 1; Herbert Campion, 1; Philip P. Calvert, 1; Henry A. Pilsbry, 1; R. W. Shufeldt, 1; Thomas Barbour, 1; William H. Dall, 1; Frederick Baker, 1; Annette Frances Braun, 1; N. E. McIndoo, 1; Harold Heath, 1, and Henry Fox, 1.

Thirty-three of these have been printed, two have been returned to the authors, and nine remain in the editor's hands awaiting publication.

The papers by Mr. Clarence B. Moore and Dr. Hrdlicka constitute the first part of the sixteenth volume of the JOURNAL. It forms, as usual, a beautiful contribution to anthropological science. The expense of publication has been borne by Mr. Moore.

The contribution from Miss Annette F. Braun begins the second part of the sixteenth volume of the JOURNAL. It will be illustrated by text figures and by two fine plates printed in color and furnished by the author.

The parts of the PROCEEDINGS published have amounted to 670 pages and 25 plates. Mr. Moore's contribution to the JOURNAL embraces 102 pages and two plates beautifully printed in color, besides a number of fine halftone illustrations. Of the TRANSACTIONS OF THE AMERICAN ENTOMOLOGICAL SOCIETY (Entomological Section of the Academy), 248 pages and 26 plates have been published, and of the ENTOMOLOGICAL NEWS 432 pages and 14 plates have appeared. Two numbers of the MANUAL OF CONCHOLOGY, consisting of 112 pages and 27 plates, make the total output for the year 1,564 pages and 94 plates.

A careful revision of the exchange list has been made by Mr. Fox. Letters have been sent to a number of derelict societies asking for a supply of deficiencies and announcing a suspension of correspondence until their indebtedness be cancelled. This action has been productive of some good results.

Eight members and one correspondent have been elected. The deaths of sixteen members and six correspondents have been announced. Resignations of membership have been accepted from Joshua L. Bailey, William S. Neweomet, and S. Harbert Hamilton.

The Curator of the William S. Vaux Collections, the Custodian of the Isaac Lea Collections, and the Solicitor of the Academy in position last year were reappointed by the Council.

The interest so loyally manifested during his life by the Rev. Leander T. Chamberlain in the condition and growth of the collection of Eocene fossils associated with the memory of his father-in-law, Isaac Lea, was further shown by a bequest of \$5,000 for the care and increase of the collection. Dr. Chamberlain died May 16, 1913.

A bequest of \$10,000 has been received from Miss Anna Blanchard, who died August 2, 1913.

The Academy formally thanked Dr. Thomas Biddle for the valuable additions he has made to the mammalian collections, especially for the skeletons and mounted specimens of anthropoids.

I regret to report that a bill which had passed the Senate and House of Representatives, appropriating \$90,000 to the Academy, failed to receive the signature of the Governor and was therefore inoperative.

Samuel G. Gordon has been appointed a Jessup Fund student, Miss Harriet Newell Wardle was reappointed on the female branch of the endowment.

In the Monday evening course of lectures, extending from January 6 to May 5, three lectures on problems of bird life were delivered

by Dr. Witmer Stone; one on milk-born epidemics of communicable diseases by Dr. B. F. Royer; one on a sanitary survey of the Allegheny water shed by Mr. T. Herbert Snow; three on anthropology and ethnology by Dr. Spenceer Trotter; three on entomology by Dr. Henry Skinner; three on studies in local plant life by Mr. Stewardson Brown, and three on the natural history of the Hawaiian Islands by Dr. Henry A. Pilsbry.

The afternoon course for students of the Girls' High School began October 8, and was largely attended. Two lectures each were delivered by the following: Dr. Henry Skinner on insects; Dr. Henry A. Pilsbry on crustaceans and mollusks; Dr. J. Percy Moore on reptiles and mammals; Dr. Witmer Stone on birds, and Mr. Stewardson Brown on plants.

There has been a gratifying increase in attendance on all the courses.

EDWARD J. NOLAN.

Recording Secretary.

REPORT OF THE CORRESPONDING SECRETARY.

The toll of death from among correspondents of the Academy for the year just closed was unusually heavy. The reported deceased are Professor Robert Collett, Lord Avebury, Dr. Philip Lutley Selater, Professor Igino Cocchi, Dr. Joseph K. Corson, Professor Arnim Baltzer, and Alfred Russel Wallace.

Colonel Wm. C. Gorgas, U. S. A., was elected a correspondent.

Invitations were received to send delegates or to participate otherwise in the following-named projects of scientific interest: The celebration of the fiftieth anniversary of the foundation of the Dumfriesshire and Galloway Natural History and Antiquarian Society; the movement for the establishment of a memorial to Giovanni Schiaparelli; the Twelfth International Geological Congress, at which the Academy was represented by Professor Edgar T. Wherry, Professor Florence Bascom, and Dr. R. A. F. Penrose; the bicentenary jubilee of the Imperial Botanical Gardens of St. Petersburg; the Ninth International Congress of Zoology, to which the Prince of Monaco, Professor Ulric Dahlgren, and Dr. Edward J. Nolan were appointed delegates; the fifty-year birthday celebration of the Natural Science Society of Braunschweig; the one hundred and twenty-fifth anniversary of the granting of the first charter to the University of Pittsburgh; the fiftieth anniversary